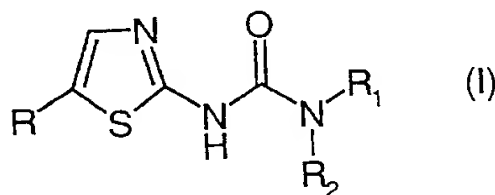


CLAIMS

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1. The use of a compound which is a 2-ureido-1,3-thiazole derivatives of formula (I)



5 wherein

R is a halogen atom, a nitro group, an optionally substituted amino group or it is a group, optionally further substituted, selected from:

- 10 i) straight or branched C₁-C₆ alkyl;
ii) C₃-C₆ cycloalkyl;
iii) aryl or arylalkyl with from 1 to 6 carbon atoms within the straight or branched alkyl chain;

R₁ is an optionally further substituted group selected from:

- 15 i) straight or branched C₁-C₆ alkyl;
ii) 3 to 6 membered carbocycle or 5 to 7 membered heterocycle ring;
iii) aryl or arylcarbonyl;
iv) arylalkyl with from 1 to 6 carbon atoms within the straight or branched alkyl chain;

20 R₂ is hydrogen, a straight or branched C₁-C₄ alkyl or C₂-C₄ alkenyl or alkynyl group; or, taken together with the nitrogen atom to which they are bonded,

R₁ and R₂ form a substituted or unsubstituted group selected

25 from:

- i) an optionally benzacondensed or bridged 5 to 7 membered heterocycle; or

ii) a 9 to 11 membered spiro-heterocyclic compound;

30 or a pharmaceutically acceptable salt thereof; in the manufacture of a medicament for treating cell proliferative disorders associated with an altered cell dependent kinase activity.

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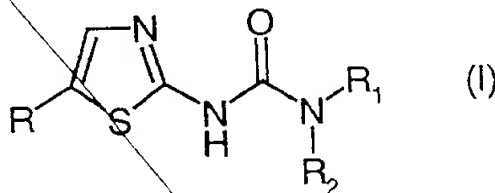
2. Use according to claim 1 wherein the said cell proliferative disorder is selected from the group consisting of cancer, Alzheimer's disease, viral infections, auto-immune diseases or neurodegenerative disorders.

3. Use according to claim 2 wherein the cancer is selected from the group consisting of carcinoma, squamous cell carcinoma, hematopoietic tumors of myeloid or lymphoid lineage, tumors of mesenchymal origin, tumors of the central and peripheral nervous system, melanoma, seminoma, teratocarcinoma, osteosarcoma, xenoderma pigmentosum, keratoctanthoma, thyroid follicular cancer and Kaposi's sarcoma.

4. Use according to claim 1 wherein the cell proliferative disorder is selected from the group consisting of benign prostate hyperplasia, familial adenomatosis polyposis, neuro-fibromatosis, psoriasis, vascular smooth cell proliferation associated with atherosclerosis, pulmonary fibrosis, arthritis glomerulonephritis and post-surgical stenosis and restenosis.

5. Use according to any one of the preceding claims wherein the medicament enables tumor angiogenesis and metastasis inhibition.

500
B2/30 6. A compound which is a 2-ureido-1,3-thiazole derivative of formula (I)



wherein

13.2
cont
R is a halogen atom, a nitro group, an optionally substituted amino group or it is a group, optionally further substituted, selected from:

- 5 i) straight or branched C_1-C_6 alkyl;
ii) C_3-C_6 cycloalkyl;
iii) aryl or arylalkyl with from 1 to 6 carbon atoms within the straight or branched alkyl chain;

R_1 is an optionally further substituted group selected from:

- 10 i) straight or branched C_1-C_6 alkyl;
ii) 3 to 6 membered carbocycle or 5 to 7 membered heterocycle ring;
iii) aryl or arylcarbonyl;
iv) arylalkyl with from 1 to 6 carbon atoms within the
15 straight or branched alkyl chain;

R_2 is hydrogen, a straight or branched C_1-C_6 alkyl or C_2-C_6 alkenyl or alkynyl group; or, taken together with the nitrogen atom to which they are bonded,

R_1 and R_2 form a substituted or unsubstituted group selected from:

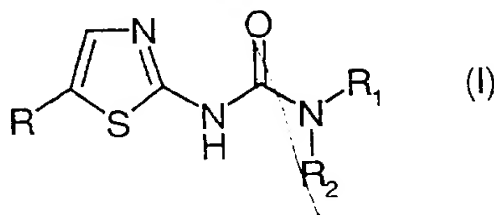
- 20 i) an optionally benzocondensed or bridged 5 to 7 membered heterocycle; or
ii) a 9 to 11 membered spiro-heterocyclic compound; or a pharmaceutically acceptable salt thereof;

25 for use as a medicament; provided that:

- a) when R is a chlorine atom and R_2 is hydrogen, then R_1 is not methyl, phenyl or trifluoromethylphenyl; and
b) when R is methyl and R_2 is hydrogen, then R_1 is not 4-(5-oxazolyl)phenyl.

30

7. A compound which is a 2-amino-1,3-thiazole derivative of formula (I)



wherein

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- R is a halogen atom, a nitro group, an optionally substituted amino group or it is a group, optionally further substituted, selected from:
- i) straight or branched C₁-C₆ alkyl;
 - 5 ii) C₃-C₆ cycloalkyl;
 - iii) aryl or arylalkyl with from 1 to 6 carbon atoms within the straight or branched alkyl chain;
- R₁ is an optionally further substituted group selected from:
- 10 i) straight or branched C₁-C₆ alkyl;
 - ii) 3 to 6 membered carbocycle or 5 to 7 membered heterocycle ring;
 - iii) aryl or arylcarbonyl;
 - iv) arylalkyl with from 1 to 6 carbon atoms within the
 - 15 straight or branched alkyl chain;
- R₂ is hydrogen, a straight or branched C₁-C₄ alkyl or C₂-C₄ alkenyl or alkynyl group; or, taken together with the nitrogen atom to which they are bonded,
- R₁ and R₂ form a substituted or unsubstituted group selected
- 20 from:
 - i) an optionally benzocondensed or bridged 5 to 7 membered heterocycle; or
 - ii) a 9 to 11 membered spiro-heterocyclic compound; or a pharmaceutically acceptable salt thereof; provided that:
- 25 a) when R is chlorine or bromine and R₂ is hydrogen, then R₁ is not unsubstituted C₁-C₃ alkyl, phenyl, trifluoromethylphenyl or an optionally substituted phenylcarbonyl;
 - b) when R is methyl and R₂ is hydrogen, then R₁ is not
 - 30 methyl, phenyl or 4-(5-oxazolyl)phenyl;
 - c) when R is nitrophenyl and R₂ is hydrogen, then R₁ is not haloalkyl;
 - d) when R is bromine or chlorine, then R₁ and R₂ are not both
 - 35 methyl groups.
8. A compound of formula (I) according to claim 7 wherein R is a halogen atom, a straight or branched C₁-C₄ alkyl group, a phenyl or a cycloalkyl group; R₂ is hydrogen and R₁

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is an optionally substituted group selected from alkyl, aryl or arylalkyl.

9. A compound of formula (I) according to claim 8 wherein
5 R is bromine or chlorine, a straight or branched C₁-C₄ alkyl group, a phenyl or a cycloalkyl group; R₂ is hydrogen and R₁ is an optionally substituted aryl or an arylalkyl or heterocycl-alkyl group with from 1 to 4 carbon atoms within the alkyl chain.

10

10. A compound of formula (I) according to claim 7 wherein
R is a halogen atom or is selected from the group consisting of nitro, amino, alkylamino, hydroxyalkylamino, arylamino, C₃-C₆ cycloalkyl, straight
15 or branched C₁-C₆ alkyl optionally substituted by hydroxy, alkylthio, alkoxy, amino, alkylamino, alkoxycarbonylalkylamino, alkylcarbonyl, alkylsulfonyl, alkoxycarbonyl, carboxy, aryl optionally substituted by one or more hydroxy, halogen, nitro, alkoxy, aryloxy, alkylthio, arylthio, amino, alkylamino,
20 dialkylamino, N-alkyl-piperazinyl, 4-morpholinyl, arylamino, cyano, alkyl, phenyl, aminosulfonyl, aminocarbonyl, alkylcarbonyl, arylcarbonyl, alkoxycarbonyl or carboxy, or R is an aryl group optionally substituted by one or more hydroxy, halogen, nitro, alkoxy, aryloxy, alkylthio, arylthio, amino, alkylamino, dialkylamino, N-alkyl-piperazinyl, 4-morpholinyl, arylamino, cyano, alkyl, phenyl, aminosulphonyl, aminocarbonyl, alkylcarbonyl,
25 arylcarbonyl, alkoxycarbonyl or carboxy;

30

R₁ is a straight or branched C₁-C₆ alkyl group or an aryl group, each optionally substituted as above reported for R;

R₂ is a hydrogen atom; and pharmaceutically acceptable
35 salts thereof;
provided that:

- as 2.
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- a) when R is chlorine or bromine then R₁ is not unsubstituted C₁-C₆ alkyl, phenyl, trifluoromethylphenyl or an optionally substituted phenylcarbonyl;
- b) when R is methyl then R₁ is not methyl, phenyl or 4-(5-oxazolyl)phenyl;
- 5 c) when R is nitrophenyl then R₁ is not haloalkyl.

11. A compound of formula (I) according to claim 7 wherein R is a straight or branched C₁-C₆ alkyl group and, together with the nitrogen atom to which they are bonded, R₁ and R₂ form a substituted or unsubstituted, optionally benzocondensed or bridged 5 to 7 membered heterocycle, or a 9 to 11 membered spiro-heterocycle.

12. A compound of formula (I) according to claim 7 wherein R is a straight or branched C₁-C₆ alkyl group; R₂ is a straight or branched C₁-C₄ alkyl or C₂-C₄ alkenyl or alkynyl group and R₁ is an aryl or arylalkyl group with from 1 to 4 carbon atoms within the straight or branched alkyl chain.

13. A compound of formula (I) according to any one of the preceding claims, whenever appropriate in the form of pharmaceutically acceptable salts, selected from the group consisting of:

- 1) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-phenyl-urea;
- 2) N-(5-bromo-1,3-thiazol-2-yl)-N'-phenyl-urea;
- 3) N-(5-phenyl-1,3-thiazol-2-yl)-N'-phenyl-urea;
- 4) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N'-phenyl-urea;
- 5) N-(5-bromo-1,3-thiazol-2-yl)-N'-(4-sulfamoyl-phenyl)-urea;
- 6) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-sulfamoyl-phenyl)-urea;
- 7) N-(5-phenyl-1,3-thiazol-2-yl)-N'-(4-sulfamoyl-phenyl)-urea;
- 8) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N'-(4-sulfamoyl-phenyl)-urea;
- 9) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(3-methoxy-phenyl)-urea;

- 10) N-(5-bromo-1,3-thiazol-2-yl)-N'-(3-methoxy-phenyl)-
urea;
- 11) N-(5-phenyl-1,3-thiazol-2-yl)-N'-(3-methoxy-phenyl)-
urea;
- 5 12) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N'-(3-methoxy-
phenyl)-urea;
- 13) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-chloro-phenyl)-
urea;
- 14) N-(5-bromo-1,3-thiazol-2-yl)-N'-(4-chloro-phenyl)-urea;
- 10 15) N-(5-phenyl-1,3-thiazol-2-yl)-N'-(4-chloro-phenyl)-
urea;
- 16) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N'-(4-chloro-
phenyl)-urea;
- 17) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(3-chloro-phenyl)-
15 urea;
- 18) N-(5-bromo-1,3-thiazol-2-yl)-N'-(3-chloro-phenyl)-urea;
- 19) N-(5-phenyl-1,3-thiazol-2-yl)-N'-(3-chloro-phenyl)-
urea;
- 20) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N'-(3-chloro-
20 phenyl)-urea;
- 21) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(2-chloro-phenyl)-
urea;
- 22) N-(5-bromo-1,3-thiazol-2-yl)-N'-(2-chloro-phenyl)-urea;
- 23) N-(5-phenyl-1,3-thiazol-2-yl)-N'-(2-chloro-phenyl)-
25 urea;
- 24) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N'-(2-chloro-
phenyl)-urea;
- 25) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-methoxy-phenyl)-
urea;
- 30 26) N-(5-bromo-1,3-thiazol-2-yl)-N'-(4-methoxy-phenyl)-
urea;
- 27) N-(5-phenyl-1,3-thiazol-2-yl)-N'-(4-methoxy-phenyl)-
urea;
- 28) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N'-(4-methoxy-
35 phenyl)-urea;
- 29) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-hydroxy-phenyl)-
urea;

- 30) N-(5-bromo-1,3-thiazol-2-yl)-N-(4-hydroxy-phenyl)-
urea;
- 31) N-(5-phenyl-1,3-thiazol-2-yl)-N-(4-hydroxy-phenyl)-
urea;
- 5 32) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N-(4-hydroxy-
phenyl)-urea;
- 33) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(3-hydroxy-phenyl)-
urea;
- 34) N-(5-bromo-1,3-thiazol-2-yl)-N-(3-hydroxy-phenyl)-
10 urea;
- 35) N-(5-phenyl-1,3-thiazol-2-yl)-N-(3-hydroxy-phenyl)-
urea;
- 36) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N-(3-hydroxy-
phenyl)-urea;
- 15 37) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(2-methoxy-phenyl)-
urea;
- 38) N-(5-bromo-1,3-thiazol-2-yl)-N-(2-methoxy-phenyl)-
urea;
- 39) N-(5-phenyl-1,3-thiazol-2-yl)-N-(2-methoxy-phenyl)-
20 urea;
- 40) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N-(2-methoxy-
phenyl)-urea;
- 41) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(2-hydroxy-phenyl)-
urea;
- 25 42) N-(5-bromo-1,3-thiazol-2-yl)-N-(2-hydroxy-phenyl)-
urea;
- 43) N-(5-phenyl-1,3-thiazol-2-yl)-N-(2-hydroxy-phenyl)-
urea;
- 44) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N-(2-hydroxy-
30 phenyl)-urea;
- 45) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(4-nitro-phenyl)-
urea;
- 46) N-(5-bromo-1,3-thiazol-2-yl)-N-(4-nitro-phenyl)-urea;
- 47) N-(5-phenyl-1,3-thiazol-2-yl)-N-(4-nitro-phenyl)-urea;
- 35 48) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N-(4-nitro-phenyl)-
urea;
- 49) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(4-amino-phenyl)-
urea;

- 50) N-(5-bromo-1,3-thiazol-2-yl)-N'-(4-amino-phenyl)-urea;
51) N-(5-phenyl-1,3-thiazol-2-yl)-N'-(4-amino-phenyl)-urea;
52) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N'-(4-amino-phenyl)-
urea;
5 53) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(3-nitro-phenyl)-
urea;
54) N-(5-bromo-1,3-thiazol-2-yl)-N'-(3-nitro-phenyl)-urea;
55) N-(5-phenyl-1,3-thiazol-2-yl)-N'-(3-nitro-phenyl)-urea;
56) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N'-(3-nitro-phenyl)-
10 urea;
57) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(3-amino-phenyl)-
urea;
58) N-(5-bromo-1,3-thiazol-2-yl)-N'-(3-amino-phenyl)-urea;
59) N-(5-phenyl-1,3-thiazol-2-yl)-N'-(3-amino-phenyl)-urea;
15 60) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N'-(3-amino-phenyl)-
urea;
61) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-benzyl-urea;
62) N-(5-bromo-1,3-thiazol-2-yl)-N'-benzyl-urea;
63) N-(5-phenyl-1,3-thiazol-2-yl)-N'-benzyl-urea;
20 64) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N'-benzyl-urea;
65) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(pyrid-3-yl)-urea;
66) N-(5-bromo-1,3-thiazol-2-yl)-N'-(pyrid-3-yl)-urea;
67) N-(5-phenyl-1,3-thiazol-2-yl)-N'-(pyrid-3-yl)-urea;
68) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N'-(pyrid-3-yl)-
25 urea;
69) N-(5-bromo-1,3-thiazol-2-yl)-N'-(pyrid-4-yl)-urea;
70) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(pyrid-4-yl)-urea;
71) N-(5-phenyl-1,3-thiazol-2-yl)-N'-(pyrid-4-yl)-urea;
72) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N'-(pyrid-4-yl)-
30 urea;
73) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(pyrid-2-yl)-urea;
74) N-(5-bromo-1,3-thiazol-2-yl)-N'-(pyrid-2-yl)-urea;
75) N-(5-phenyl-1,3-thiazol-2-yl)-N'-(pyrid-2-yl)-urea;
76) N-(5-cyclopropyl-1,3-thiazol-2-yl)-N'-(pyrid-2-yl)-
35 urea;
77) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(benzothiophen-2-
yl)-urea;

- 78) N-(5-bromo-1,3-thiazol-2-yl)-N'-(benzothiophen-2-yl)-
urea;
- 79) N-(5-phenyl-1,3-thiazol-2-yl)-N'-(benzothiophen-2-yl)-
urea; N-(5-cyclopropyl-1,3-thiazol-2-yl)-N'-(benzothiophen-2-yl)-urea;
- 5 80) N-(5-isopropyl-1,3-thiazol-2-yl)-4-morpholine
carboxamide;
- 81) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-
methylphenyl)urea;
- 10 82) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(3-
fluorophenyl)urea;
- 83) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-
cyanophenyl)urea;
- 84) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(3-
15 cyanophenyl)urea;
- 85) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(2,6-
dimethylphenyl)urea;
- 86) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-
fluorobenzyl)urea;
- 20 87) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(3-
acetylphenyl)urea;
- 88) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-
acetylphenyl)urea;
- 89) 3-({[(5-isopropyl-1,3-thiazol-2-
25 yl)amino]carbonyl}amino)benzoic acid;
- 90) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-
isopropylphenyl)urea;
- 91) 3-({[(5-isopropyl-1,3-thiazol-2-
yl)amino]carbonyl}amino)benzamide;
- 30 92) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-
methoxybenzyl)urea;
- 93) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-
butylphenyl)urea;
- 94) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-
35 trifluoromethylphenyl)urea;
- 95) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(3-bromophenyl)urea;
- 96) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-
cyclohexylphenyl)urea;

- 97) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-phenoxyphenyl)urea;
- 98) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-benzyloxyphenyl)urea;
- 5 99) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(3,5-dimethylphenyl)urea;
- 100) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(2,3-dimethylphenyl)urea;
- 101) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(3-methoxy[1,1'-biphenyl]-4-yl)urea;
- 10 102) N-(5-isopropyl-1,3-thiazol-2-yl)-3,4-dihydro-2(1H)-isoquinoline carboxamide;
- 103) N-benzyl-N'-(5-isopropyl-1,3-thiazol-2-yl)-N-methylurea;
- 15 104) N-(5-isopropyl-1,3-thiazol-2-yl)-6,7-dimethoxy-3,4-dihydro-2(1H)-isoquinoline carboxamide;
- 105) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-[(3-chloro-4-methyl)-phenyl]urea;
- 106) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-[(3-chloro-6-methyl)phenyl]urea;
- 20 107) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(2,5-dimethoxyphenyl)urea;
- 108) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(3,4-dimethoxyphenyl)urea;
- 25 109) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-[(2-methoxy-5-chloro)phenyl]urea;
- 110) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-[(2-chloro-4-methoxyphenyl)urea];
- 111) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(3,5-dichlorophenyl)urea;
- 30 112) N-[(1,1'-biphenyl)-2-yl]-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 113) N-ethyl-N'-(5-isopropyl-1,3-thiazol-2-yl)-N-phenylurea;
- 114) N-[4-({[(5-isopropyl-1,3-thiazol-2-yl)amino]carbonyl}amino)-2-methoxyphenyl]acetamide;
- 35 115) 2-({[(5-isopropyl-1,3-thiazol-2-yl)amino]carbonyl}amino)-N-phenylbenzamide;

- 116) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(2-morpholinophenyl)urea;
- 117) N-[4-({[(5-isopropyl-1,3-thiazol-2-yl)amino]carbonyl}amino)phenyl]-N-methyl acetamide;
- 5 118) N-(2-{[cyclohexyl(methyl)amino]methyl}phenyl)-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 119) N-[3-({[(5-isopropyl-1,3-thiazol-2-yl)amino]carbonyl}amino)-4-methoxyphenyl]acetamide;
- 120) N-(5-isopropyl-1,3-thiazol-2-yl)-4-(4-methoxyphenyl)-1-piperazine carboxamide;
- 10 121) N-(2-furylmethyl)-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 122) N-(4-fluorophenyl)-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 15 123) N-(2-methoxybenzyl)-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 124) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-[2-(1-methyl-1H-pyrrol-2-yl)ethyl]urea;
- 125) N-(3,4-dimethoxybenzyl)-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 20 126) N-(5-isopropyl-1,3-thiazol-2-yl)-4-oxo-1-phenyl-1,3,8-triazaspiro[4.5]decane-8-carboxamide;
- 127) n-(5-isopropyl-1,3-thiazol-2-yl)-1,4-dioxo-8-azaspiro[4.5]decane-8-carboxamide;
- 25 128) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-[2-(1-piperidinyl)ethyl]urea;
- 129) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-[2-(1-morpholinyl)ethyl]urea;
- 130) 4-(4-fluorophenyl)-N-(5-isopropyl-1,3-thiazol-2-yl)-1-piperazine carboxamide;
- 30 131) N-[4-(4-chlorophenyl)-3-ethyl-5-isoxazolyl]-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 132) 4-[(4-fluorophenyl)(hydroxy)methyl]-N-(5-isopropyl-1,3-thiazol-2-yl)-1-piperidine carboxamide;
- 35 133) N-(3-ethynylphenyl)-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 134) N-(2-methoxy-3-fluorophenyl)-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;

- 135) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-oxo-1-piperidiny)urea;
- 136) N-(3-acetylaminophenyl)-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 5 137) N-[3-(2-furyl)-1H-pyrazol-5-yl]-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 138) N-{4-[ethyl(isopropyl)amino]phenyl}-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 139) N-(1,3-benzodioxol-5-yl)-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 10 140) 5-({[(5-isopropyl-1,3-thiazol-2-yl)amino]carbonyl}amino)-1-phenyl-1H-pyrazole-4-carboxamide;
- 141) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-pyridinylmethyl)urea;
- 15 142) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(2-pyrazinyl)urea;
- 143) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(5-phenyl-1,3,4-oxadiazol-2-yl)urea;
- 144) N-(5-isopropyl-1,3-thiazol-2-yl)-4-(2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)-1-piperidine carboxamide;
- 20 145) N-(1,3-benzothiazol-6-yl)-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 146) N-(1,3-dimethyl-1H-pyrazol-5-yl)-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 25 147) N-(3-phenyl-1-methyl-1H-pyrazol-5-yl)-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 148) N-(5-isopropyl-1,3-thiazol-2-yl)-3-hydroxy-1-piperidine carboxamide;
- 149) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(2-methyl-1,3-dioxo-2,3-dihydro-1H-isoindol-5-yl)urea;
- 30 150) N-(5-isopropyl-1,3-thiazol-2-yl)-4-benzyl-1-piperazine carboxamide;
- 151) N-(5-isopropyl-1,3-thiazol-2-yl)-4-methyl-1-piperazine carboxamide;
- 35 152) 4-hydroxy-N-(5-isopropyl-1,3-thiazol-2-yl)-1-piperidine carboxamide;
- 153) N-(5-isopropyl-1,3-thiazol-2-yl)-3-azabicyclo[3.2.2]nonane-3-carboxamide;
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- 154) N-(5-isopropyl-1,3-thiazol-2-yl)-4-(4-acetylphenyl)-1-piperazine carboxamide;
- 155) 4-[bis(4-fluorophenyl)-N-(5-isopropyl-1,3-thiazol-2-yl)-1-piperazine carboxamide;
- 5 156) N-(5-isopropyl-1,3-thiazol-2-yl)-4-oxo-2,3,4,5-tetrahydro-1H-1,5-benzodiazepine-1-carboxamide;
- 157) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(5,6,7,8-tetrahydro-1-naphtalenyl)urea;
- 158) N-(4-phenyl-2-thiazolyl)-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 10 159) 4-(4-fluorobenzoyl)-N-(5-isopropyl-1,3-thiazol-2-yl)-1-piperidine carboxamide;
- 160) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-1,3-dihydro-2-benzofuran-5-yl)urea;
- 15 161) N-(5-isopropyl-1,3-thiazol-2-yl)-4-(2-pyrimidinyl)-1-piperazine carboxamide;
- 162) N-(5-isopropyl-1,3-thiazol-2-yl)-3-oxo-3,4-dihydro-1(2H)-quinoxaline;
- 163) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(1H-indazol-6-yl)urea;
- 20 164) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(2-chlorobenzyl)urea;
- 165) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(2,4-dichlorobenzyl)urea;
- 25 166) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(3-fluorobenzyl)urea;
- 167) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(3,4-dichlorobenzyl)urea;
- 168) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(2,4-difluorobenzyl)urea;
- 30 169) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(2,5-difluorobenzyl)urea;
- 170) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-2,6-difluorobenzyl)urea;
- 35 171) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-[(4-hydroxy-3-methoxy)benzyl]urea;
- 172) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(5-methyl-2-furyl)urea;

- 173) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(4-methylsulfonylbenzyl)urea;
- 174) N-[(1R,2R)-2-hydroxy-2,3-dihydro-1H-inden-1-yl]-N-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 5 175) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(4-chlorobenzyl)urea;
- 176) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(2-pyridinylmethyl)urea;
- 177) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(3,5-dimethoxybenzyl)urea;
- 10 178) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(3-pyridinylmethyl)urea;
- 179) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(4-trifluorobenzyl)urea;
- 15 180) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(3,4,5-trimethoxybenzyl)urea;
- 181) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(2,4-dimethoxybenzyl)urea;
- 182) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(4-dimethylaminobenzyl)urea;
- 20 183) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(2,5-dimethoxybenzyl)urea;
- 184) N-(5-isopropyl-1,3-thiazol-2-yl)-N-[(2-chloro-6-phenoxy)benzyl]urea;
- 25 185) N-(5-isopropyl-1,3-thiazol-2-yl)-N-[(1R,2S)-2-hydroxy-2,3-dihydro-1H-inden-1-yl]urea;
- 186) N-(5-isopropyl-1,3-thiazol-2-yl)-N-[(3-hydroxy-4-methyl)phenyl]urea;
- 187) N-(5-isopropyl-1,3-thiazol-2-yl)-N-[4-(1H-benzimidazol-2-yl)phenyl]urea;
- 30 188) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(3-phenyl-1H-pyrazol-5-yl)urea;
- 189) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(2-methyl-6-quinolinyl)urea;
- 35 190) N-(5-isopropyl-1,3-thiazol-2-yl)-N-[4-(cyanomethyl)phenyl]urea;
- 191) N-(5-isopropyl-1,3-thiazol-2-yl)-N-(2-quinolinyl)urea;

- 192) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(1-oxo-2,3-dihydro-1H-inden-5-yl)urea;
- 193) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(3-oxo-1,3-dihydro-2-benzofuran-5-yl)urea;
- 5 194) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(5-oxo-5,6,7,8-tetrahydro-2-naphtalenyl)urea;
- 195) methyl-3-(([(5-isopropyl-1,3-thiazol-2-yl)amino]carbonyl)amino)-4-methylbenzoate;
- 196) methyl-4-(([(5-isopropyl-1,3-thiazol-2-yl)amino]carbonyl)amino)-3-methylbenzoate;
- 10 197) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(4-imidazo[1,2-a]pyridin-2-yl-phenyl)urea;
- 198) ethyl-4-(([(5-isopropyl-1,3-thiazol-2-yl)amino]carbonyl)amino)benzoate;
- 15 199) (2R)-1-benzyl-2-(([(5-isopropyl-1,3-thiazol-2-yl)amino]carbonyl)amino)propanamide;
- 200) 2-hydroxy-5-(([(5-isopropyl-1,3-thiazol-2-yl)amino]carbonyl)benzoic acid;
- 201) 2-chloro-5-(([(5-isopropyl-1,3-thiazol-2-yl)amino]carbonyl)amino)benzoic acid;
- 20 202) 3-(([(5-isopropyl-1,3-thiazol-2-yl)amino]carbonyl)amino)benzoic acid;
- 203) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(5-methyl-3-isoxazolyl)urea;
- 25 204) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(2,6-dimethoxyphenyl)urea;
- 205) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(2,3-dimethoxybenzyl)urea;
- 206) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(3,4-difluorobenzyl)urea;
- 30 207) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(2,4-dimethylphenyl)urea;
- 208) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(1H-benzimidazol-5-yl)urea;
- 35 209) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-[(R)-phenylglycinamido]urea;

- 210) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(2-phenoxyacetamido)urea;
- 211) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-[(S)-phenylglycinamido]urea;
- 5 212) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-(2-[(1-methyl-1H-imidazol-2-yl)methoxy]phenyl)urea;
- 213) N-(3-iodophenyl)-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 214) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-[3-(3-methoxy-1-propynyl)phenyl]urea;
- 10 215) N-{3-[3-(dimethylamino)-1-propynyl]phenyl}-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 216) N-[4-({[(5-isopropyl-1,3-thiazol-2-yl)amino]carbonyl}amino)phenyl]methanesulfonamide;
- 217) 2-[3-({[(5-isopropyl-1,3-thiazol-2-ylamino]carbonyl}amino)anilino]acetamide;
- 15 218) N-[3-(3-hydroxy-1-butynyl)phenyl]-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 219) N-(imidazo[1,2-a]pyridin-2-yl-methyl)-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 20 220) 2-({[(5-isopropyl-1,3-thiazol-2-yl)amino]carbonyl}(2-propynyl)amino)methylbenzenesulfonamide;
- 221) N-(1H-indol-6-yl)-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 222) N-[(1S)-2-hydroxy-1-phenylethyl]-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 25 223) N-(1H-indol-5-yl)-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 224) N-[(1R)-2-hydroxy-1-phenylethyl]-N'-(5-isopropyl-1,3-thiazol-2-yl)urea;
- 30 225) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-butylurea;
- 226) N-(5-isopropyl-1,3-thiazol-2-yl)-N'-benzoylurea;
- 227) N-(5-methyl-1,3-thiazol-2-yl)-N'-(2,6-dimethylphenyl)urea;
- 228) N-(5-methyl-1,3-thiazol-2-yl)-N'-benzylurea;
- 35 229) N-(5-methyl-1,3-thiazol-2-yl)-N'-butylurea;
- 230) N-(5-methyl-1,3-thiazol-2-yl)-4-morpholinecarboxamide;
- 231) N-(5-methyl-1,3-thiazol-2-yl)-N'-phenylurea;
- 232) N-(5-methyl-1,3-thiazol-2-yl)-N'-(4-methoxybenzyl)urea;

233) N-(5-methyl-1,3-thiazol-2-yl)-N'-(4-fluorophenyl)urea;

234) N-[(1-ethyl-2-pyrrolidinyl)methyl]-N'-(5-methyl-1,3-thiazol-2-yl)urea;

5 235) N-(5-methyl-1,3-thiazol-2-yl)-N'-(5-hydroxy-1H-pyrazol-3-yl)urea;

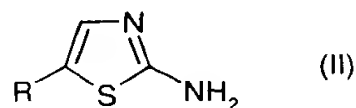
236) N-(5-methyl-1,3-thiazol-2-yl)-N'-(3-pyridinyl)urea;

237) N-(4-fluorophenyl)-N'-(5-methyl-1,3-thiazol-2-yl)urea.

Sub 14. A process for preparing a compound of formula (I), as defined in claim 7, which process comprises:

a) when R_2 is a hydrogen atom

reacting a compound of formula (II)



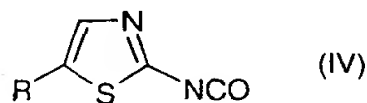
15 wherein R is as defined in claim 7, with a compound of formula (III)



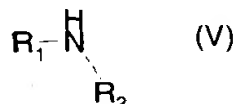
wherein R_1 is as defined in claim 7; or

b) when R_2 is as defined in claim 7

reacting a compound of formula (IV)

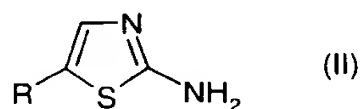


20 wherein R is as defined in claim 7, with a compound of formula (V)



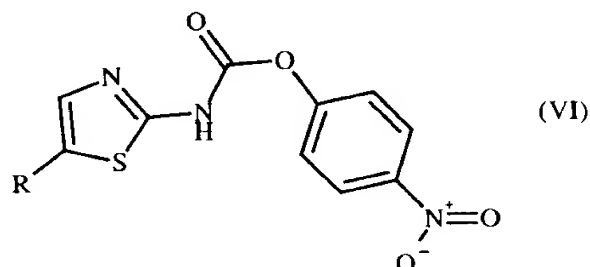
25 wherein R_1 and R_2 are as defined in claim 7; and, if desired, converting a 2-ureido-1,3-thiazole derivative of formula (I) into another such derivative of formula (I), and/or into a salt thereof.

30 15. A process for preparing a compound of formula (I), as defined in claim 7, which process comprises reacting a compound of formula (II)

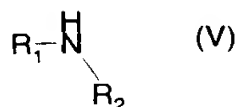


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wherein R is as defined in claim 7, with 4-nitrophenyl-chloroformate, or a polymer supported form of it, thus obtaining a compound of formula (VI), or a polymer supported form of it,



wherein R is as defined in claim 7; and reacting a compound of formula (VI) with a compound of formula (V)



10 wherein R₁ and R₂ are as defined in claim 7; and, if desired, converting a 2-ureido-1,3-thiazole derivative of formula (I), or a polymer supported form of it, into another such derivative of formula (I), and/or into a salt thereof.

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16. A pharmaceutical composition comprising one or more pharmaceutically acceptable carriers and/or diluents and, as the active principle, an effective amount of a compound of formula (I) as defined in claim 1.

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